Chef

Performance Task

Introduction

Your culinary team has been selected to create a new gourmet menu for a food network star's newest restaurant. Not only will you be creating the menu, but you will also be selecting the location for this new hot spot! The food network star would like to open a new restaurant somewhere in the United States that will be featuring the local agriculture.

Big Idea / Essential Questions

Big Idea

- Some questions can be answered by collecting, representing, and analyzing data, and the question to be answered determines the data to be collected, how best to collect it, and how best to represent it.
- Careful planning is fundamental to success.
- Economic decision-making by entities and individuals impact others locally, regionally, and around the globe.

Essential Questions

- Why is planning important for success?
- How does geography impact crops that are grown?
- What mathematical relationships exist that we can use to make reasonable estimates?

G.R.A.S.P.

Goal

You have just been hired by a Food Network star to find a location for a new restaurant. You will need to research the agriculture of the region and design a gourmet menu that will reflect the native agriculture. It is critical that your menu creations are reflective of the native agriculture. In addition, your recipes should be appealing to the target audience of the region. You will have to consider the cost and pricing of your local resources and any items that you may need to import.

Role

You are a talented new chef. This will be an exciting challenge and opportunity for you to work with the Food Network. You will need to research the United States and select a location for this new restaurant. You will need to determine the local agricultural resources in this region and create a top-of-the-line menu that reflects the local

agriculture and will appeal to your target audience.

Audience

You will be presenting your restaurant location and your menu to a committee from the Food Network and the Food Network star. This committee will be very interested in the research you conducted in order to create your culinary creations and decisions.

Situation

Your culinary team has received the distinction of being selected to create a new gourmet menu for a food network star's newest restaurant. Not only will you be creating the menu, but you will also be selecting the location for this new hot spot! The food network star would like to locate a new restaurant in the United States and would like to feature local agriculture as a focus for the recipes featured throughout the menu.

Products

1. Photostory

Your team should prepare a slide show or photostory about the foods native to the region that you have selected. In your presentation, include photographs of each of the items you will find locally and describe the reasons that it can be found in this area. Be sure to include how the climate, soil, and topography contribute to the growth of each food type. For example if you use local lettuce, include a photograph of the lettuce in your photostory. With this photograph include a short summary describing the lettuce with a short description of the reasons for why it grows in this area. In a similar way, you should identify the target audience and potential location for the new restaurant. Be sure to give an explanation for your choices.

- What foods are native to the region that you have selected?
- How can soil and climate conditions have an impact on these foods?
- What foods can grow in certain places?

Photostory - Chef

Achievement Levels	1	2	3	4
Language (x1)	Language does not help the audience and text contains numerous spelling, grammar and syntax errors.	Language somewhat helps the audience and provides some information provides some valuable information. The text contains spelling, grammar and syntax errors.	Language used helps to get the audience involved and provides some valuable information. The text has minimal spelling, grammar and syntax errors.	Language used engages the audience while providing critical information. The text is free of spelling, grammar and syntax errors.
Technology (x1)	The technology used does not enhance the presentation. Few graphics are attractive and connect with the topic of the presentation.	The technology used somewhat enhances the presentation. Some graphics are attractive and connect with the topic of the presentation.	The technology used enhances the presentation. Most graphics are attractive and support the topic of the presentation.	The technology used strongly enhances the presentation. All graphics are attractive and support the topic of the presentation.
Food and Ecosystems (x1)	Product identifies 1 local food that can be found in a region and gives little explanation of how the environment plays a role in those foods being	Product identifies 2 local foods that can be found in a region and gives some explanation of how the environment plays a role in	Product identifies 3 local foods that can be found in a region and gives an explanation of how the environment plays a role in	Product identifies 4 or more local foods that can be found in a region and gives a detailed explanation of how the environment plays a role in

Achievement Levels	1	2	3	4
Production, Distribution and Consumption of Goods (x1)	Students minimally understand that part of our economy is based on creating goods and transporting them to places where they can be sold to consumers who use them.	Students partially understand that part of our economy is based on creating goods and transporting them to places where they can be sold to consumers who use them.	Students understand that part of our economy is based on creating goods and transporting them to places where they can be sold to consumers who use them.	Students thoroughly understand that part of our economy is based on creating goods and transporting them to places where they can be sold to consumers who use them.
Benefits of Buying Locally (x1)	Student work shows minimal understanding that economic decisions made by people can make a positive impact in their community and region.	Student work sows some understanding that economic decisions made by people can make a positive impact in their community and region.	Student work shows an adequate understanding that economic decisions made by people can make a positive impact in their community and region.	Student work shows a strong understanding that economic decisions made by people can make a positive impact in their community and region.
Creativity (x1)	Product is unoriginal in design and does not use graphics.	Product is somewhat original in design and uses graphics to help the audience understand information.	Product is original in design and uses graphics to help the audience understand the information.	Product is original in design and uses creative graphics to help the audience understand the information.
Research (x1)	Product demonstrates a lack of research conducted around the topic.	Product demonstrates some research conducted around the topic.	Product demonstrates research was conducted around the topic using few credible or appropriate sources.	Product demonstrates that thorough research was conducted around the topic, using several sources that are credible and appropriate.

2. Food Report

Teams will need to write a food report to share with the Food Network. You need to research and write about 1-5 important local foods that are used in one or more of the main recipes. This report should include information related to each of the food items selected including where they came from, why they were selected, and how they will be prepared. Be sure to include how the climate, soil, and topography contribute to the growth of each food type. You may choose to include graphs or charts to represent information about the foods included on your menu.

- What is your selected region or state for the new restaurant?
- What types of foods are local or native to this region?
- Why did you choose these foods?
- What recipes will you use for these foods?
- What will the menu look like?

Food Report - Chef

Achievement Levels	1	2	3	4
Food Growth (x1)	Report does not represent any knowledge of how climate, soil or topography can affect the growth of a food type.	Report represents some knowledge of how climate, soil or topography can affect the growth of a food typ	Report represents knowledge of how climate, soil or topography can affect the growth of a food type.	Report strongly represents knowledge of how climate, soil or topography can affect the growth of a food type.
Benefits of Buying Locally (x1)	Student work reflects minimal understanding that economic decisions made by people can make a positive impact in their community and region.	Student work reflects some understanding that economic decisions made by people can make a positive impact in their community and region.	Student work reflects an adequate understanding that economic decisions made by people can make a positive impact in their community and region.	Student work reflects a strong understanding that economic decisions made by people can make a positive impact in their community and region.

Achievement Levels	1	2	3	4
Production, Distribution and Consumption (x1)	Students show little understanding that part of our economy is based on creating goods and transporting them to places where they can be sold to consumers who use them.	Students somewhat understands that part of our economy is based on creating goods and transporting them to places where they can be sold to consumers who use them.	Students understands that part of our economy is based on creating goods and transporting them to places where they can be sold to consumers who use them.	Students thoroughly understand that part of our economy is based on creating goods and transporting them to places where they can be sold to consumers who use them.
Research (x1)	Product demonstrates a lack of research conducted around the topic.	Product demonstrates that some research was conducted around the topic.	Product demonstrates research was conducted around the topic.	Product demonstrates that thorough research was conducted around the topic.
Conventions and Style (x1)	Poor word choice used with little control of sentence sentence formation. Errors are present in grammar, usage, spelling and punctuation. Writing style interferes with meaning.	Minimal variety of words used with limited and/or inconsistent control of sentence formation. Many errors may be present in grammar, usage, spelling and punctuation. Writing style interferes with meaning.	Some variety of words used with control of sentence formation. Many errors may be present in Some errors may be present in grammar, usage, spelling and punctuation. Writing style has consistent tone and language.	Variety of words used with thorough control of sentence formation. Few errors, if any, are present in grammar, usage, spelling and punctuation. Writing style has consistent use of language and tone.
Organization (x1)	Product is unorganized and does not have an introduction, supporting facts and details and a summary.	Product is somewhat organized with some of the following: an introduction, supporting facts and details and a summary.	Product is organized with most of the following: an introduction, supporting facts and details and a summary.	Product is very well organized with all of the following: an introduction, supporting facts and details and a summary.

3. Cost Analysis

Create a cost analysis of one of the featured items from your menu. First, find 4 or 5 important ingredients in your item. Next, research the cost of these ingredients. Once you find the cost of the ingredients, then figure out the price for the amount of each ingredient used in the recipe. If you know how many people the recipe serves, then you can find the cost for each plate. Once you have this information use it to help you figure out a reasonable mark-up for the menu item. Be prepared to justify the mathematics you used to determine cost of your menu items as well as the profit the restaurant will make on each item.

- What products can you find locally for your restaurant menu?
- How will you figure out what each recipe will cost to make?
- How much will it cost to create each item on the menu?

Cost Analysis - Chef

Achievement Levels	1	2	3	4
Cost Analysis (x1)	Product is minimally accurate based on food expenses of creating a menu item, the cost per menu item and the revenue expected on that item.	Product is partially accurate based on food expenses of creating a menu item, the cost per serving and the revenue expected on that item.	Product is mostly accurate based on food expenses of creating a menu item, the cost per serving and the revenue expected on that item.	Product is neat and accurate based on food expenses of creating a menu item, the cost per serving and the revenue expected on that item.
Operations with Numbers in Base Ten (x1)	Product demonstrates a lack of understanding of mathematical operations through calculations that are inaccurate.	Product demonstrates minimal understanding of mathematical operations with whole numbers and decimals through calculations that are partially accurate.	Product demonstrates understanding of mathematical operations with whole numbers and decimals through calculations that are mostly accurate.	Product demonstrates advanced understanding of mathematical operations with whole numbers and decimals through accurate calculations.
	Student very minimally			

Achievement Levels	1	2	3	4
Justifying Selling Price (x1)	justifies why the menu price makes sense based on revenue and profit needs of the restaurant and math work.	Student partially justifies why the menu price makes sense based on revenue and profit needs of the restaurant and math work.	Student justifies why the menu price makes sense based on revenue and profit needs of the restaurant and math work.	Student excellently justifies why the menu price makes sense based on revenue and profit needs of the restaurant and math work.
Research (x1)	Product shows that little research was done around the topic.	Product shows that some research was done around the topic.	Product shows that research was done around the topic.	Product shows that thorough research was done around the topic.

4. Menu Design

You will need to create a new menu for your restaurant. This menu should be reflective of your theme and the local foods from where your restaurant is located. Be sure to include appetizers, salads, and entrees that feature local fruits, vegetables, meats, and perhaps seafood. You should create a brief description for a one appetizer, one salad, and entree. Be sure to use adjectives to describe the items which hopefully will help persuade the customer to order the items.

The front of your menu should include the title for your restaurant and a logo. Be sure the name connects with the theme of the restaurant based upon the location. On the back of the menu you should briefly explain how the relationship between the local environment and the foods chosen.

The menu should also include the prices of each item. You will need to think about the ideal price as you must make a profit and you will need to cover your costs to purchase the food, transport the food to the restaurant, and prepare and serve the food. Also, remember if the meals are too expensive, people may not visit your restaurant.

- How are you going to include options on your menu that are reflective of the native agriculture?
- What kind of food is available?
- What will your restaurant be called and will you have a logo unique to the food or local culture?
- What descriptions will you use on your menu to describe the food options?

Menu Design - Chef

Achievement Levels	1	2	3	4
Menu Design Focus (x1)	The menu lacks visual appeal and has minimal focus on the locally grown foods in the menu items.	The menu is somewhat visually appealing with partial focus on the locally grown foods in the menu items.	The menu is visually appealing with adequate focus on the locally grown foods in the menu items.	The menu is visually appealing with a strong focus on the locally grown foods used in the menu items.
Mechanics (x1)	The product contains numerous spelling and grammar errors and issues with sentence structure.	The product contains some spelling and grammar errors with complete sentences that keep audience interest.	The product contains minimal spelling and grammar errors with complete sentences that keep audience interest.	The product is free of spelling and grammar errors with complete sentences that keep audience interest.
Organization (x1)	The content is unorganized, making it hard for the viewer to read and understand.	The content is partially organized and the viewer can read and understand some of it.	The content is organized, making the menu able to be read and understood by the viewer.	The content is very well organized, making the menu easy for the viewer to read and understand.
Menu Content (x1)	Menu contains few necessary items including a title and logo related to the theme and	Menu contains some necessary items including a title and logo related to the theme and descriptive	Menu contains most necessary items including a title and logo related to the theme and descriptive	Menu contains all necessary items including a title and logo related to the theme and

Achievement Levels	descriptive explanations of each menu item. **1**	explanations of each menu item. **2**	explanations of each menu item. **3**	descriptive explanations of each menu item. **4**
Pricing and Decision Making (x1)	Menu prices included on each item reflect little awareness that cost can be a positive or negative incentive for customers thinking about coming to your restaurant.	Menu prices included on each item reflect some awareness that cost can be a positive or negative incentive for customers thinking about coming to your restaurant.	Menu prices included on each item reflect adequate awareness that cost can be a positive or negative incentive for customers thinking about coming to your restaurant.	Menu prices included on each item reflect strong awareness that cost can be a positive or negative incentive for customers thinking about coming to your restaurant.
Food and Ecosystems (x1)	Product identifies 2 or more local foods that can be found in the region and gives little explanation of how the environmental characteristics there support the growth of that food source.	Product identifies 2 or more local foods that can be found in the region and somewhat explains how the environmental characteristics there support the growth of that food source.	Product identifies 2 or more local foods that can be found in the region and adequately explains how the environmental characteristics there support the growth of that food source.	Product identifies 2 or more local foods that can be found in the region and thoroughly explains how the environmental characteristics there support the growth of that food source.